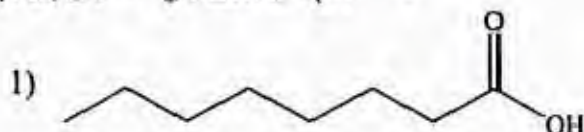


Chimie Organique  
Série n°4

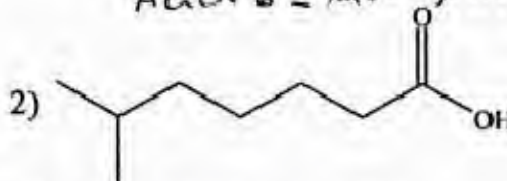
Exercice 1:

Nommer les composés suivants:

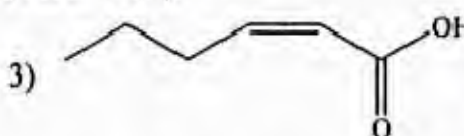
Acide octanoïque



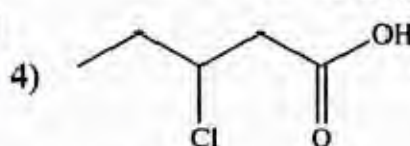
Acide 6-méthylheptanoïque



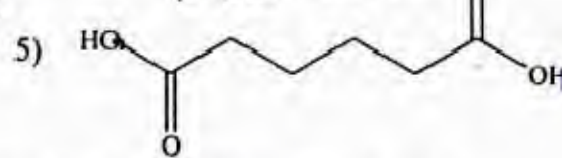
Acide (2E) hept-2-énoïque



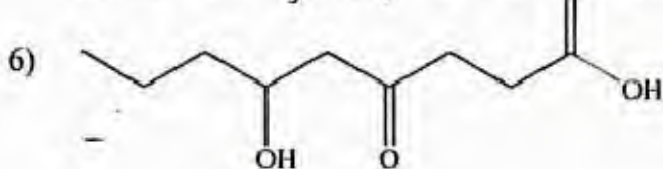
Acide 3-chloropentanoïque



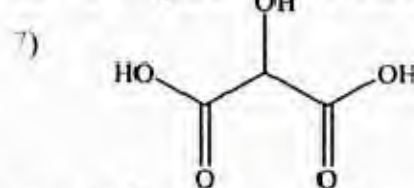
Acide hexanedioïque



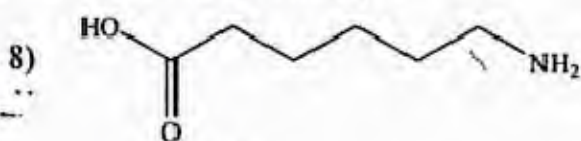
Acide 6-hydroxy-4-bromooctanoïque



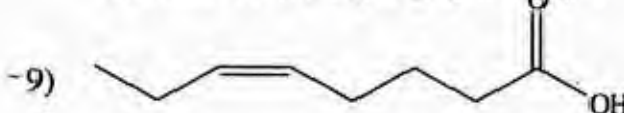
Acide ε-hydroxypropanedioïque



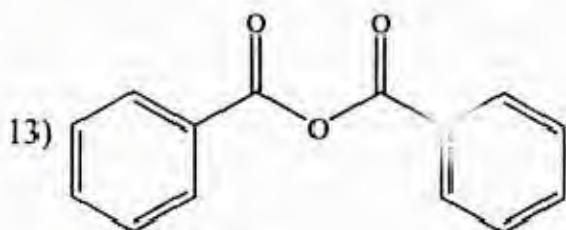
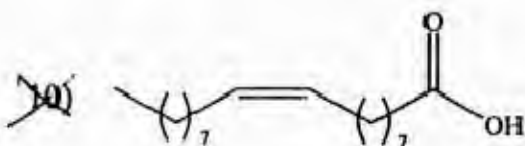
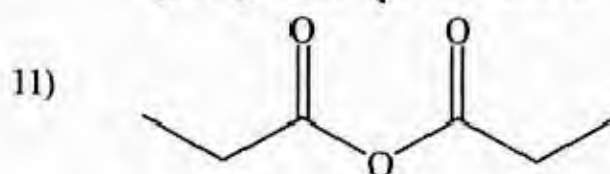
Acide 6-aminoheptanoïque



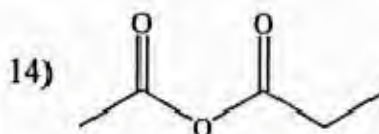
Acide (E)-oct-5-énoïque



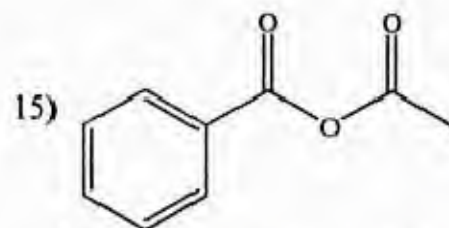
Anhydride propanoïque



Anhydride  
benzoïque



Anhydride éthanoïque  
propanoïque



Anhydride benzoïque  
éthanoïque

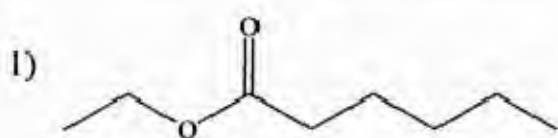
### Exercice 2:

Ecrire la formule semi-développée des esters suivants :

- Ethanoate de méthyle.
- Ethanoate de 1-méthylpropyle.
- Méthylpropanoate de butyle.
- 2,4-diméthylpentanoate d'éthyle.
- Diéthylbutanoate d'éthyle.
- Méthanoate de 2-éthyl-1-méthylpentyle.

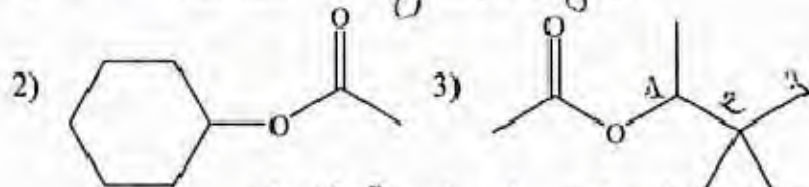
### Exercice 3:

Nommer les composés suivants:

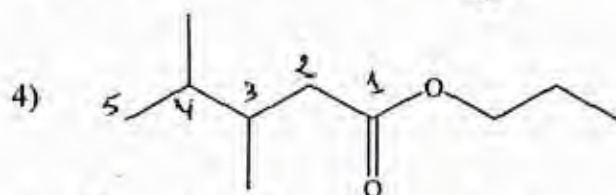


1) Hexanoate d'éthyle

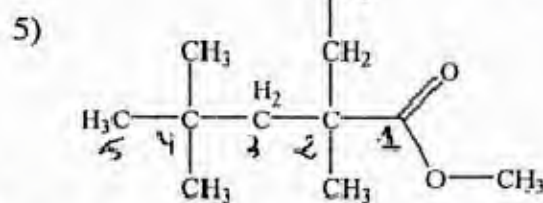
2) Ethanoate de cyclohexyle



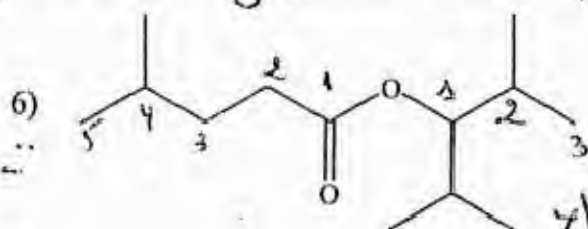
3) Ethanoate de 1,2,2-triméthylpropyle



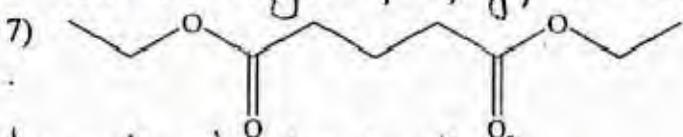
4) 3,4-diméthylpentanoate de propyle



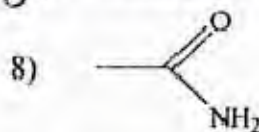
5) 2,4,4-triméthyl-2-propylpentanoate de méthyle



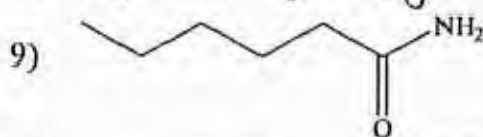
6) 4-méthylpentanoate de 1-isopropyl-2-méthylpropyle



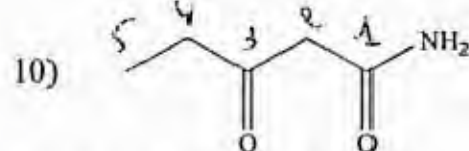
7) Pentanedioate de diéthyle



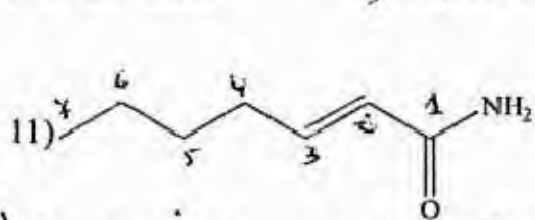
8) Ethanamide



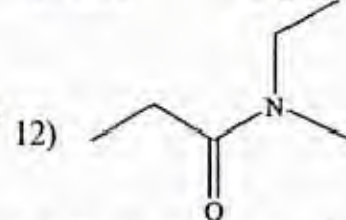
9) Hexanamide



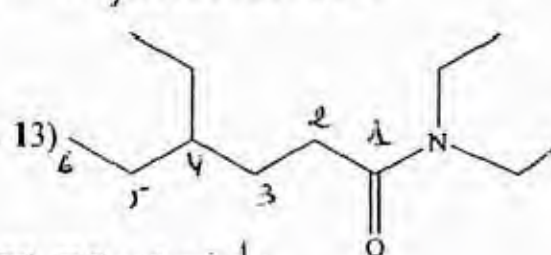
10) 3-oxopentanamide



11) (2E)-hept-2-énamide

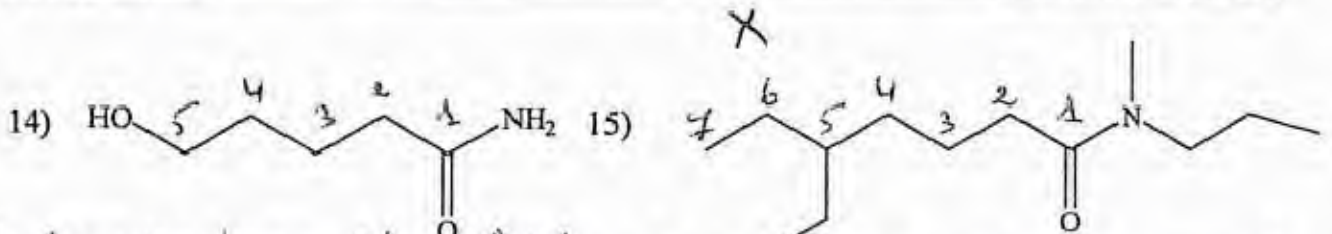


12) N-éthyl-N-méthylpropanamide

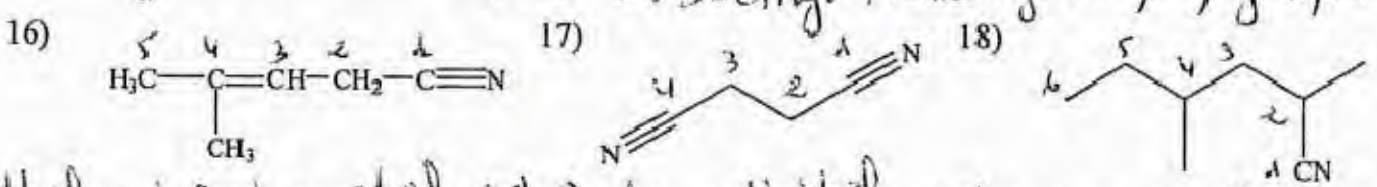


13) N,N4-diéthylhexanamide

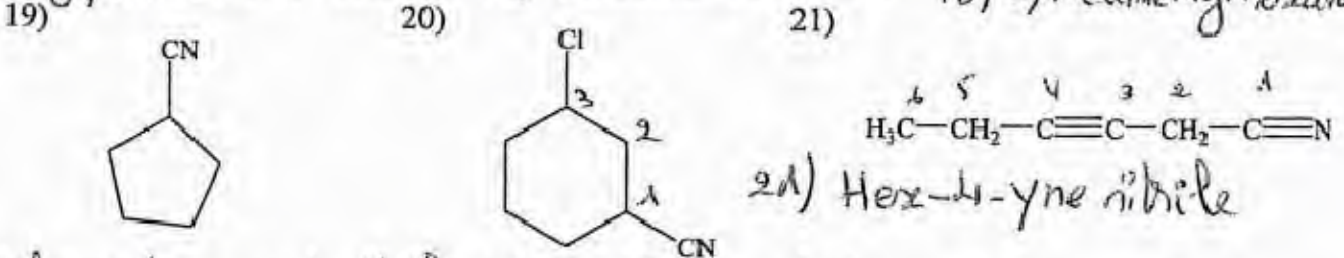




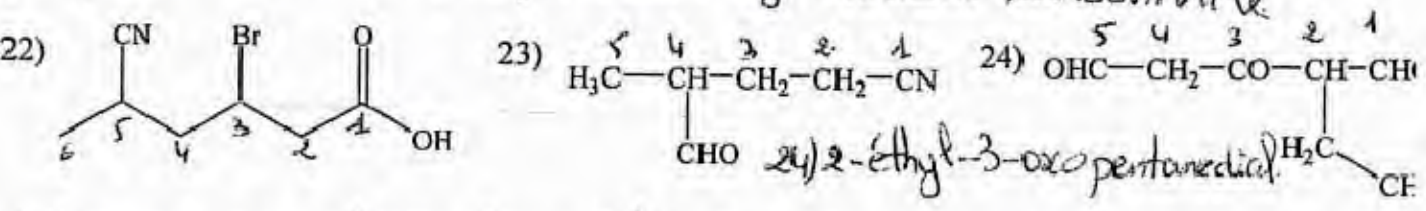
14) 5-hydroxypentanamide 15) 5-éthyl-N-méthyl-N-propylheptanamide



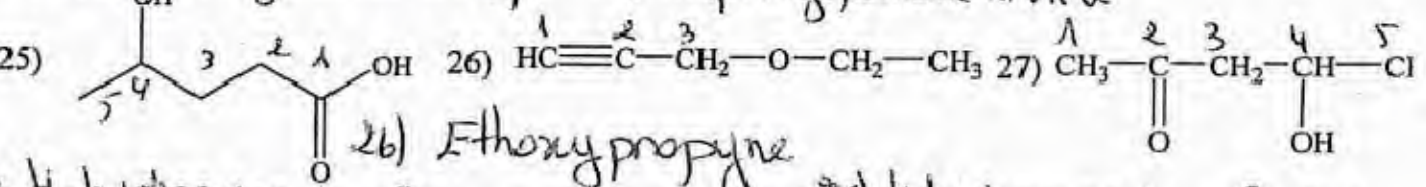
16) 4-méthylpent-3-ène nitrile 17) Butane dinitrile 18) 2,4-diméthylhexane nitrile



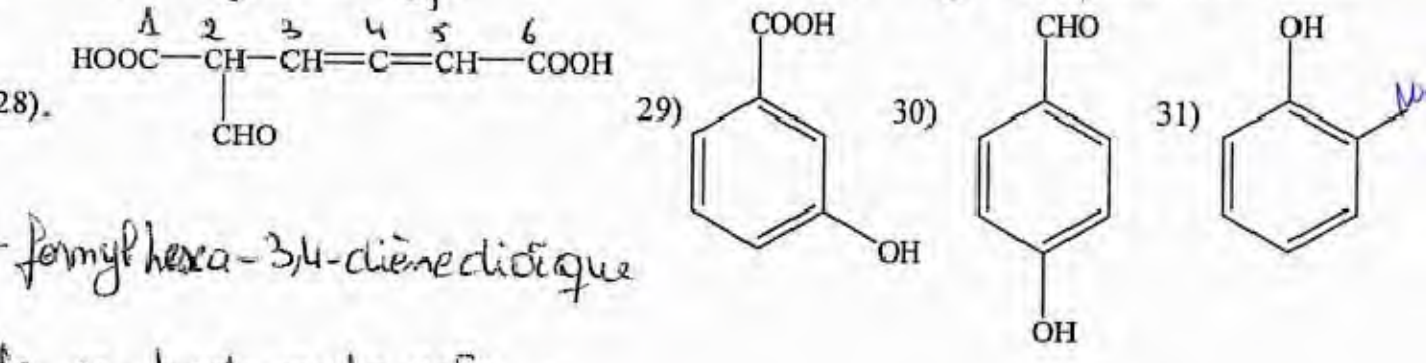
19) Cyclopentane carbonitrile 20) 3-chlorocyclohexane carbonitrile 21) Hex-4-yne nitrile



22) Acide 3-bromo-5-cyano hexanoïque 23) 4-formylpentane nitrile



25) Acide 4-hydroxypentanoïque 26) Ethoxypropyne 27) 4-hydroxypentan-2-one



Acide 2-formylhexa-3,4-dièneedioïque

29) Acide m-hydroxybenzoïque

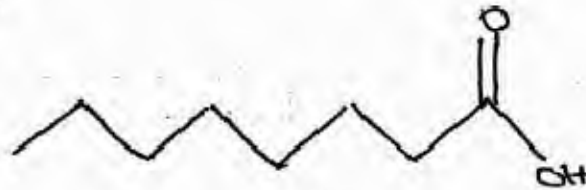
30) p-hydroxybenzaldéhyde

31) o-hydroxy nitrobenzène

## Serie 4 :

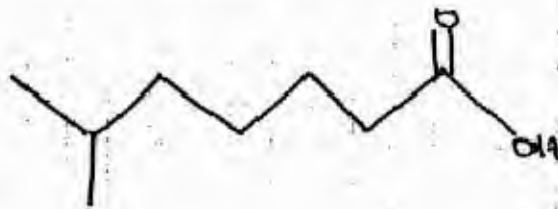
EX 1 :

1/-



Acide octanoïque

2/-



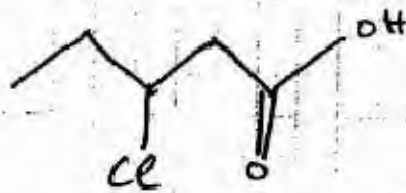
Acide 6-méthylheptanoïque

3/-



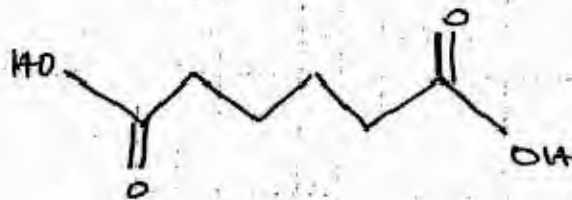
Acide (2Z) - hex-2-énoïque

4/-



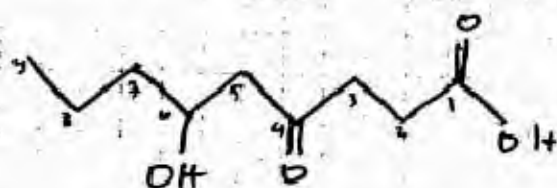
Acide 3-chloropentanoïque

5/-



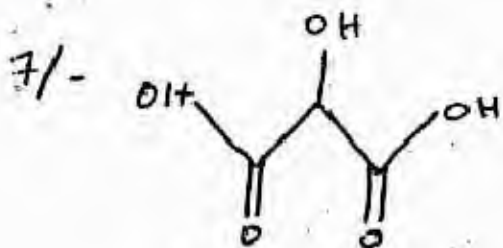
Acide hexanedioïque

6/-

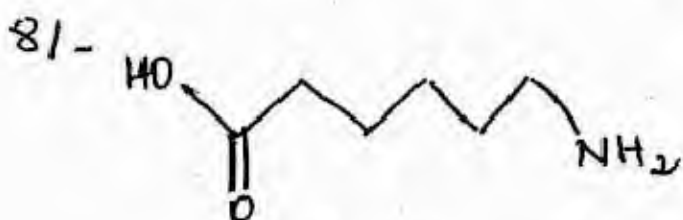


Acide 6-hydroxy-4-oxononanoïque





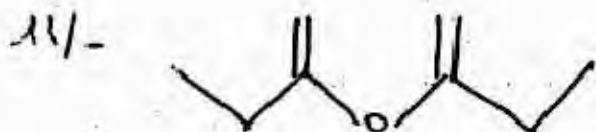
Acide 2-hydroxypropanedioïque



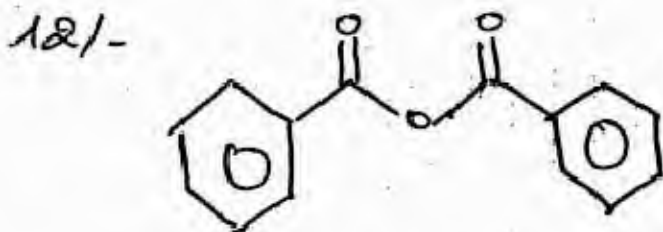
Acide 6-amino hexanoïque



Acide (5Z) - oct - 5 - énoïque



Anhydride propanoïque

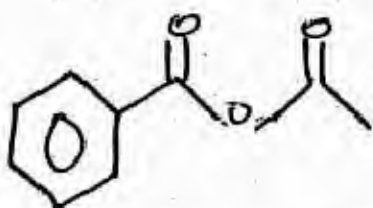


Anhydride benzoïque

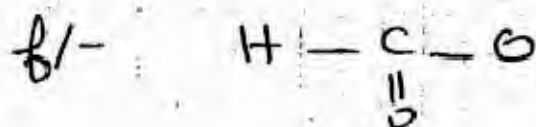
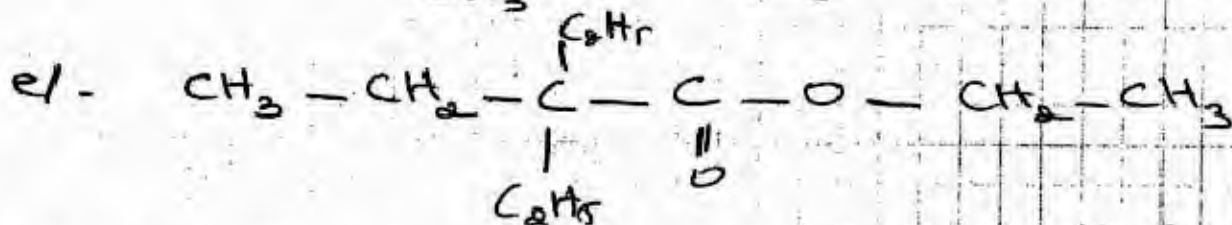
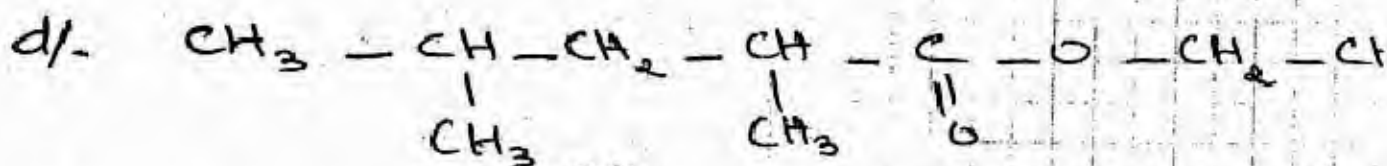
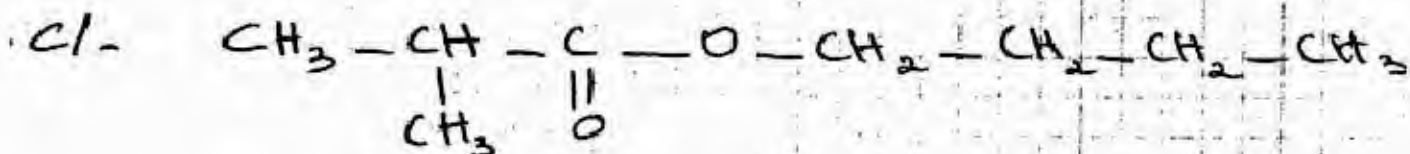
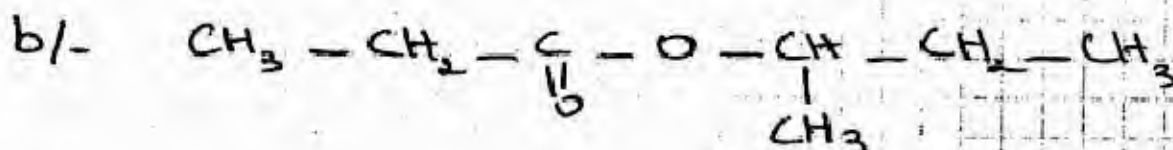
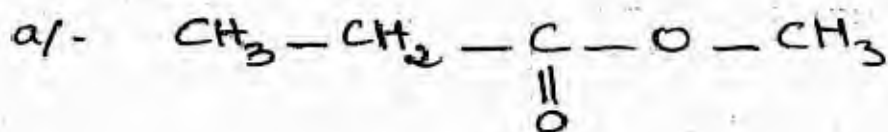


Anhydride éthanoïque propanoïque

15/



Anhydride benzoïque éthanique

EX 2:





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